



Memorandum

To: Provost and Chief Academic Officers

From: Paula Compton, Associate Vice Chancellor, Articulation and Transfer

Date: October 30, 2020

Subject: Endorsement Survey for Proposed TAG Learning Outcomes for Biology (Genetics)

Background:

In early 2019 the Ohio Articulation and Transfer Network (OATN) held a discussion with the Ohio Guaranteed Transfer Pathway (OGTP) panel in the discipline area of Biology to explore transfer pathways. During discussion, the OGTP Biology panel recommended the creation of a TAG with a focus on Biology (Genetics). The Ohio Articulation and Transfer Network (OATN) sent out a call for statewide nominations to assist with this work. A Biology (Genetics) TAG writing panel was formulated with content matter experts to meet and discuss TAG learning outcome creation. Initial meetings lead to the dissemination of statewide research that identify department courses, pre-requisites, lab components, and institutional course credit hours.

After some discussion, the writing panel has recommended learning outcomes for the TAG area of Biology (Genetics). The proposed course will not require a laboratory component and ranges in 3-4 credit hours. Key concepts of focus include:

- I. Nature of Genetic Materials***
- II. Transmission/Patterns of Inheritance***
- III. Molecular Biology of Gene Function***
- IV. Gene Expression and Regulation***
- V. Genetic Variation***
- VI. Evolution and Population Genetics***
- VII. Comparative Genetics/Methods and Tools***
- VIII. Genetics and Bioethics***

What we need from you:

Please arrange to have the appropriate faculty at your institution complete the survey as soon as possible **but no later than Monday, November 30, 2020**. We are collecting **only one representative** response per institution.

The survey asks your institution if they agree or disagree with proposed Biology (Genetics) course learning outcomes. You will find a copy of the proposed TAG course learning outcomes attached as reference.

The online survey is available through the following link: <https://www.surveymonkey.com/r/PR57G93>

Important Note: You must complete the survey via the link provided above. The attached PDF file is for reference only. Do not use the PDF version to respond to the survey.

I wish to express my thanks for the dedicated work of the Biology (Genetics) TAG faculty writing panel for their collaboration in creating learning outcomes. The faculty member of the Biology (Genetics) TAG writing panel included: Brian Ashburner (University of Toledo), Sandy Specht (Sinclair Community College), Anne Bullerjahn (Owens Community College), Luis A. Actis (Miami University), and Megan Andrikanich (Lorain County Community College).

Thank you in advance for your assistance. If you have any questions, contact Jessi Spencer, Director for Policy, Budget, and Constituent Relations, at 614-728-4706 or jspencer@highered.ohio.gov or Candice Grant, Director for Ohio Guaranteed Transfer Pathways, at 614-466-4136 or cgrant@highered.ohio.gov.

Attachments (2)